

### **III. PEST MANAGEMENT SYTEMS AND METHODS**

**Minimum Requirements: 6 Semesters or 9 Quarter Units, with at least one course emphasizing the principles of Integrated Pest Management.**

Core study area includes applied courses in entomology, plant pathology, vegetation management, weed science and courses related to biological control, pesticides, pest control equipment systems, the use of pesticides, alternative cropping systems, and sustainable or organic agricultural s systems. Three semester (or 4.5 quarter) units may be granted for one year full-time related work experience.

Agrichemical Methods  
Agricultural Ecology  
Agricultural Entomology & Insect Control  
Agro Forestry System  
Arthropod Pest Management  
Biological Control  
Biological Control of Pests  
Chemigation  
Commercial Pesticide Applicator  
Comparison of Sustainable Food Systems  
Crop Diseases  
Crop Protection  
Diseases of Vegetable and Field Crops  
Diseases of Fruit, Nut and Vine Crops  
Diagnosis and Control of Plant Diseases  
Ecology Forest Disease  
Environmental Agriculture  
Environmentally Sustainable Agriculture

Environmental Toxicology  
Fire, Insect & Disease in Forest Ecosystem  
Grapevine Pests: Diseases and Disorder  
Insect, Disease and Weeds  
Integrated Pest Management  
Introduction to Sustainable Agriculture  
Invertebrate and Weed Control  
Laws and Regulations of Pest Control  
Landscape Pest Management  
Organic Crop Production Practices  
Organic Agriculture  
Organic Farming  
Pest Control Equipment  
Pest Control Methodology  
Pesticides  
- Hazardous Materials  
- Application and Safety  
- Chemistry